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(FILE 'HOME' ENTERED AT 11:02:48 ON 07 MAY 2003)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 11:03:19 ON 07 MAY 2003

L1 38414 S (SCAVENGER OR ELIMINAT? OR NEUTRALIZ? OR REMOV?) (6A) (FREE(W)R
L2 157564 S SUPEROXIDE(W)DISMUTASE OR METALLOTHIONEIN OR GLUTAMYL(2A)TRAN
L3 9669 S L1 AND L2
L4 5325 S L1(6A)L2
L5 7671267 S PROTEIN OR POLYPEPTIDE OR DNA OR POLYNUCLEOTIDE OR NUCLEIC(W)
L6 357 S L5(4A)L1
L7 199 DUP REM L6 (158 DUPLICATES REMOVED)

=> d au ti so 150-199 17

L7 ANSWER 150 OF 199 MEDLINE DUPLICATE 67
AU Elias L; Moore P B; Rose S M
TI Tumor necrosis factor induced DNA fragmentation of HL-60 cells.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1988 Dec 30) 157 (3)
963-9.
Journal code: 0372516. ISSN: 0006-291X.

L7 ANSWER 151 OF 199 MEDLINE DUPLICATE 68
AU Igumenov V L; Sharonov B P; Pasechnik V A
TI [Aggregation of membrane proteins of E. coli cells after treatment with
singlet oxygen].
Agregatsiia membrannyykh belkov kletok E. coli pri deistvii singletnogo
kisloroda.
SO BIORKHIMIIA, (1988 Jun) 53 (6) 925-30.
Journal code: 0372667. ISSN: 0320-9725.

L7 ANSWER 152 OF 199 MEDLINE DUPLICATE 69
AU Sharonov B P; Govorova N Iu; Lyzlova S N
TI [Antioxidative properties and degradation of serum proteins by active
oxygen forms (O2-, OCl-) generated by stimulated neutrophils].
Antiokisilitel'nye svoistva i degradatsiia belkov syvorotki aktivnymi
formami kisloroda (O2-, OCl-), generiruemymi stimulirovannymi
neitrofilami.
SO BIORKHIMIIA, (1988 May) 53 (5) 816-25.
Journal code: 0372667. ISSN: 0320-9725.

L7 ANSWER 153 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU OGINO T; INOUE M; ANDO Y; AWAI M; MAEDA H; MORINO Y
TI CHEMICAL MODIFICATION OF SUPEROXIDE DISMUTASE EXTENSION OF PLASMA HALF
LIFE OF THE ENZYME THROUGH ITS REVERSIBLE BINDING TO THE CIRCULATING
ALBUMIN.
SO INT J PEPT PROTEIN RES, (1988) 32 (2), 153-159.
CODEN: IJPPC3. ISSN: 0367-8377.

L7 ANSWER 154 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU SOLOMONSON L P; MCCREERY M J; KAY C J; BARBER M J
TI RADIATION INACTIVATION ANALYSIS OF ASSIMILATORY NADH NITRATE REDUCTASE
APPARENT FUNCTIONAL SIZES OF PARTIAL ACTIVITIES ASSOCIATED WITH INTACT AND
PROTEOLYTICALLY MODIFIED ENZYME.
SO J BIOL CHEM, (1987) 262 (18), 8934-8939.
CODEN: JBCHA3. ISSN: 0021-9258.

L7 ANSWER 155 OF 199 MEDLINE DUPLICATE 70
AU Walford R L; Harris S B; Weindruch R
TI Dietary restriction and aging: historical phases, mechanisms and current
directions.
SO JOURNAL OF NUTRITION, (1987 Oct) 117 (10) 1650-4. Ref: 51
Journal code: 0404243. ISSN: 0022-3166.

- L7 ANSWER 156 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU WALFORD R L; HARRIS S B; WEINDRUCH R
TI DIETARY RESTRICTION AND AGING HISTORICAL PHASES MECHANISMS AND CURRENT DIRECTIONS.
SO J NUTR, (1987) 117 (110), 1650-1654.
CODEN: JONUAI. ISSN: 0022-3166.
- L7 ANSWER 157 OF 199 MEDLINE DUPLICATE 71
AU Lee K S; Roschenthaler R
TI Strand scissions of DNA by patulin in the presence of reducing agents and cupric ions.
SO JOURNAL OF ANTIBIOTICS, (1987 May) 40 (5) 692-6.
Journal code: 0151115. ISSN: 0021-8820.
- L7 ANSWER 158 OF 199 MEDLINE DUPLICATE 72
AU Kiss Z; Deli E; Kuo J F
TI Phorbol ester inhibits phosphatidylserine synthesis in human promyelocytic leukaemia HL60 cells. Possible involvement of free radicals and correlation with phosphorylation of nuclear protein 1b.
SO BIOCHEMICAL JOURNAL, (1987 Dec 15) 248 (3) 649 56.
Journal code: 2984726R. ISSN: 0264-6021.
- L7 ANSWER 159 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU MUNGER C; YANOVICH S; GEWIRTZ D A
TI INTERACTION OF DAUNORUBICIN WITH THE H-35 RAT HEPATOMA.
SO SEVENTY-EIGHTH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, ATLANTA, GEORGIA, USA, MAY 20-23, 1987. PROC AM ASSOC CANCER RES ANNU MEET. (1987) 28 (0), 268.
CODEN: PAMREA.
- L7 ANSWER 160 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU MURATA A; SUENAGA H; HIDESHIMA S; TANAKA Y; KATO F
TI HYDROXYL RADICAL AS THE REACTIVE SPECIES IN THE INACTIVATION OF PHAGES BY ASCORBIC-ACID.
SO AGRIC BIOL CHEM, (1986) 50 (6), 1481-1488.
CODEN: ABCHA6. ISSN: 0002-1369.
- L7 ANSWER 161 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU WATANABE K; KASHIGE N; NAKASHIMA Y; HAYASHIDA M; SUMOTO K
TI DNA STRAND SCISSION BY D GLUCOSAMINE AND ITS PHOSPHATES IN PLASMID P-BR-322.
SO AGRIC BIOL CHEM, (1986) 50 (6), 1459-1466.
CODEN: ABCHA6. ISSN: 0002-1369.
- L7 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 73
AU Held, Kathryn D.
TI Role of **free radical scavengers** in radiation protection of DNA
SO Modern Aging Research (1986), 8(Free Radicals, Aging, Degener. Dis.), 527-68
CODEN: MARDDR; ISSN: 0275-360X
- L7 ANSWER 163 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 74
AU Jeon, Jeong Dong; Lee, Chung Soo; Park, Soo Soung
TI Roles of oxygen radicals, metal ions and reducing agents in tissue damages caused by x-ray irradiation
SO Chungang Uidaechi (1986), 11(3), 195-213
CODEN: CJMEDQ; ISSN: 0253-6250
- L7 ANSWER 164 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Kauffman, Jim W.; Laughlin, William C.; Baldwin, Roger A.
TI Removal of sulfate and metals from aqueous solutions
SO U.S., 6 pp.

CODEN: USXXAM

L7 ANSWER 165 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU NANJOU S; FUJII S; TANAKA K; UEDA K; KOMANO T
TI INDUCTION OF SINGLE STRAND SCISSION IN PHI-X-174 REPLICATIVE FORM I DNA BY
D ISOGLUCOSAMINE.
SO AGRIC BIOL CHEM, (1985) 49 (2), 459-466.
CODEN: ABCHA6. ISSN: 0002-1369.

L7 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Denney, Jerry W.
TI Assay method and reagent composition for the determination of magnesium
SO U.S., 5 pp.
CODEN: USXXAM

L7 ANSWER 167 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU LEWIS D A
TI ENDOGENOUS ANTIINFLAMMATORY FACTORS.
SO Biochem. Pharmacol., (1984) 33 (11), 1705-1714.
CODEN: BCPCA6. ISSN: 0006-2952.

L7 ANSWER 168 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU BOTCHERBY P K; MAGNUS I A; MARIMO B; GIANNELLI F
TI ACTINIC RETICULOID AN IDIOPATHIC PHOTO DERMATOSIS WITH CELLULAR
SENSITIVITY TO NEAR UV RADIATION.
SO PHOTOCHEM PHOTOBIOLOGY, (1984) 39 (5), 641-650.
CODEN: PHCBAP. ISSN: 0031-8655.

L7 ANSWER 169 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU KENSLER T W; TRUSH M A
TI ROLE OF OXYGEN RADICALS IN TUMOR PROMOTION.
SO Environ. Mutagen., (1984) 6 (4), 593-616.
CODEN: ENMUDM. ISSN: 0192-2521.

L7 ANSWER 170 OF 199 MEDLINE DUPLICATE 75
AU Lovstad R A
TI Catecholamine stimulation of copper dependent haemolysis: protective
action of **superoxide** dismutase, catalase, hydroxyl radical
scavengers and serum **proteins** (ceruloplasmin, albumin
and apotransferrin).
SO ACTA PHARMACOLOGICA ET TOXICOLOGICA, (1984 May) 54 (5) 340-5.
Journal code: 0370572. ISSN: 0001-6683.

L7 ANSWER 171 OF 199 MEDLINE
AU Eizirik D L; Migliorini R H
TI New trends in diabetes research: the search for an etiologically oriented
treatment for type I diabetes mellitus.
SO BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH, (1983 Dec) 16 (4)
381-3.
Journal code: 8112917. ISSN: 0100-879X.

L7 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Ricchelli, Fernanda; Rossi, Eliana; Salvato, Benedetto; Jori, Giulio;
Bannister, Joe V.; Bannister, William H.
TI Fluorescence studies on copper/zinc superoxide dismutase from bovine
erythrocytes
SO Oxy Radicals Their Scavenger Syst., Proc. Int. Conf. Superoxide Superoxide
Dismutase, 3rd (1983), Meeting Date 1982, Volume 1, 320-3. Editor(s):
Cohen, Gerald; Greenwald, Robert A. Publisher: Elsevier, New York, N. Y.
CODEN: 50LBAN

L7 ANSWER 173 OF 199 SCISEARCH COPYRIGHT 2003 THOMSON ISI
AU WOZNIAK A J (Reprint); HANDE K R; ROSS W E
TI **FREE-RADICAL SCAVENGERS** INHIBIT VP-16

SO INDUCED DNA DAMAGE AND CYTO-TOXICITY
PROCEEDINGS OF THE AMERICAN ASSOCIATION OF CANCER RESEARCH, (1983) Vol.
24, No. MAR, pp. 319.

L7 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Burk, Raymond F.
TI Glutathione-dependent protection by rat liver microsomal protein against
lipid peroxidation
SO Biochimica et Biophysica Acta (1983), 757(1), 21-8
CODEN: BBACAO; ISSN: 0006-3002

L7 ANSWER 175 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 76
AU Morita, Junji; Komano, Tohru
TI Induction of strand break in DNA by reducing sugar phosphates
SO Agricultural and Biological Chemistry (1983), 47(1), 11-18
CODEN: ABCHA6; ISSN: 0002-1369

L7 ANSWER 176 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU GUTTERIDGE J M C; HALLIWELL B
TI THE ROLE OF SUPER OXIDE AND HYDROXYL RADICALS IN THE DEGRADATION OF DNA
AND DEOXY RIBOSE INDUCED BY A COPPER PHENANTHROLINE COMPLEX.
SO BIOCHEM PHARMACOL, (1982) 31 (17), 2801-2806.
CODEN: BCPCA6. ISSN: 0006-2952.

L7 ANSWER 177 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU NISHIDA K-I; TAKAGI M; YANO K
TI ESCHERICHIA-COLI CELL INACTIVATION BY SUPER OXIDE ANION AND HYDROGEN PER
OXIDE.
SO J GEN APPL MICROBIOL, (1981 (RECD 1982)) 27 (6), 477-486.
CODEN: JGAMA9. ISSN: 0022-1260.

L7 ANSWER 178 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU APELBAUM A; BURGOON A C; ANDERSON J D; SOLOMOS T; LIEBERMAN M
TI SOME CHARACTERISTICS OF THE SYSTEM CONVERTING 1 AMINO CYCLO
PROPANE-1-CARBOXYLIC-ACID TO ETHYLENE.
SO PLANT PHYSIOL (BETHESDA), (1981) 67 (1), 80-84.
CODEN: PLPHAY. ISSN: 0032-0889.

L7 ANSWER 179 OF 199 MEDLINE DUPLICATE 77
AU Feldberg R S; Carew J A
TI Water radiolysis products and nucleotide damage in gamma-irradiated DNA.
SO INTERNATIONAL JOURNAL OF RADIATION BIOLOGY AND RELATED STUDIES IN PHYSICS,
CHEMISTRY AND MEDICINE, (1981 Jul) 40 (1) 11-7.
Journal code: 0374725. ISSN: 0020-7616.

L7 ANSWER 180 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Saida, Eiichi; Hayatsu, Kazuo
TI Purification of heavy metal-contaminated rice
SO Jpn. Tokkyo Koho, 3 pp.
CODEN: JAXXAD

L7 ANSWER 181 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Yamaguchi, Michio; Suzuki, Kazumasa
TI Heavy metal-binding proteins
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF

L7 ANSWER 182 OF 199 MEDLINE DUPLICATE 78
AU Lengfelder E
TI On the action of diethyldithiocarbamate as inhibitor of copper-zinc
superoxide dismutase.
SO ZEITSCHRIFT FUR NATURFORSCHUNG. SECTION C. BIOSCIENCES, (1979 Dec) 34 (12)
1292-4.
Journal code: 7801143. ISSN: 0341-0382.

- L7 ANSWER 183 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Itabashi, Osamu; Goto, Tomio; Izumi, Gaku
TI Removal of **heavy metal** ions with soluble
protein
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
- L7 ANSWER 184 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU MUDD J A; SWANSON R E
TI IN-SITU CROSS LINKING OF VESICULAR STOMATITIS VIRUS PROTEINS WITH
REVERSIBLE AGENTS.
SO VIROLOGY, (1978) 88 (2), 263-280.
CODEN: VIPLAX. ISSN: 0042-6822.
- L7 ANSWER 185 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU NACHTOMI E; SARMA D S R
TI REPAIR OF RAT LIVER DNA IN-VIVO DAMAGED BY ETHYLENE DI BROMIDE.
SO BIOCHEM PHARMACOL, (1977) 26 (20), 1941-1946.
CODEN: BCPCA6. ISSN: 0006-2952.
- L7 ANSWER 186 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Kuzumoto, Hideshi; Ukai, Tetsuo; Numata, Katsuhisa
TI Production of ultrafiltration membrane
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
- L7 ANSWER 187 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Kusunoki, Yasuo; Nakano, Fumiko; Koishi, Hidehiko
TI Granular adsorbents for treatment of waste waters and waste gases
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
- L7 ANSWER 188 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Terajima, Kazuku; Tomita, Shigeru; Matsuda, Yoshindo; Abe, Keiji
TI Adsorbent containing nitrohumic acid
SO Ger. Offen., 19 pp.
CODEN: GWXXBX
- L7 ANSWER 189 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU VAN HEMMEN J J; MEULING W J A
TI INACTIVATION OF BIOLOGICALLY ACTIVE DNA BY GAMMA-RAY INDUCED SUPER OXIDE
RADICALS AND THEIR DIS MUTATION PRODUCTS SINGLET MOLECULAR OXYGEN AND
HYDROGEN PER OXIDE.
SO BIOCHIM BIOPHYS ACTA, (1975) 402 (2), 133-141.
CODEN: BBACAQ. ISSN: 0006-3002.
- L7 ANSWER 190 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Sugiura, Yukio; Tanaka, Hisashi
TI Interaction of chelating agents with mercury-203, cadmium-115m, and
zinc-65 bound to protein
SO Radioisotopes (1970), 19(1), 7-12
CODEN: RAISAB; ISSN: 0033-8303
- L7 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Kirschner, Kasper; Voigt, Brigitte
TI Criteria for the purity of the crystallizable isoenzyme of
D-glyceraldehyde-3-phosphate dehydrogenase from bakers' yeast
SO Hoppe-Seyler's Zeitschrift fuer Physiologische Chemie (1968), 349(5),
632-44
CODEN: HSZPAZ; ISSN: 0018-4888
- L7 ANSWER 192 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Bongyik, Arpad

TI Effect of clarifying agents and handling on the stability of the Italian riesling from Badacsony
SO Borgazdasag (1967), 15(1), 22-9
CODEN: BORGBB; ISSN: 0006-7741

L7 ANSWER 193 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Greweling, Thomas; Davison, K. L.; Morris, Clayton J.
TI Determination of nitrate nitrogen in bovine blood, milk, urine, and rumen liquor
SO J. Agr. Food Chem. (1964), 12(2), 139-40

L7 ANSWER 194 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Kudryashov, B. A.; Andreenko, G. V.; Egorov, N. S.; Strukova, S. M.; Landau, N. S.
TI Fibrinolytic agents isolated from cultures of some saprophytic fungi
SO Dokl. Akad. Nauk SSSR (1963), 153(4), 939-42

L7 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Zuman, P.; Zumanova, R.
TI Polarographic study of the reaction of 2,3-dimercapto-1-propanol (BAL) with heavy metals and various oxidants
SO Tetrahedron (1957), 1, 298-300

L7 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Wegner, Hans; Osthege, Anton
TI Purification of starch hydrolyzates by synthetic resins
SO Die Starke (1954), 6, 44-52

L7 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Ritter, U.
TI 2,3-Dimercapto-1-propanol, a new specific for the treatment of heavy metal poisonings
SO Chem. Tech. (Berlin) (1953), 5, 374-5

L7 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Kehoe, R. A.
TI The activation of an enzyme poisoned by heavy metal salts
SO J. Lab. Clin. Med. (1922), 7, 736-42

L7 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Heard, W. Nevill
TI The Reaction between Metallic Salts and the Soluble Carbonates and its Bearing upon the Precipitation of Protein
SO J. Physiol. (1913), 46, 104-28

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L7 ANSWER 173 OF 199 SCISEARCH COPYRIGHT 2003 THOMSON ISI

=> d ab 162 17

L7 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 73
AB A review with 125 refs. of the title subject in relation to aging.

=> d 100-149 au ti so 17

L7 ANSWER 100 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Cerrati, A.; Bonfioli, C.; Dacco, R.; Keble, M.; Motta, F.; Vota, M.
TI Protection exerted by antiprotease substances against toxic effects of antitumor chemotherapeutics
SO Current Toxicology and Therapy (1996), 4, 25-31

CODEN: CTOTEG; ISSN: 1122-3804

- L7 ANSWER 101 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Saito, Hidenao; Fujita, Masao
TI Immobilized tannin for **removal** of contaminated **protein**
and **heavy metal**
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
- L7 ANSWER 102 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 45
AU Mark, Robert J.; Hensley, Kenneth; Butterfield, D. Allan; Mattson, Mark P.
(1)
TI Amyloid beta-peptide impairs ion-motive ATPase activities: Evidence for a
role in loss of neuronal Ca-2+ homeostasis and cell death.
SO Journal of Neuroscience, (1995) Vol. 15, No. 9, pp. 6239-6249.
ISSN: 0270-6474.
- L7 ANSWER 103 OF 199 MEDLINE DUPLICATE 46
AU Weis M; Schlegel J; Kass G E; Holmstrom T H; Peters I; Eriksson J;
Orrenius S; Chow S C
TI Cellular events in Fas/APO-1-mediated apoptosis in JURKAT T lymphocytes.
SO EXPERIMENTAL CELL RESEARCH, (1995 Aug) 219 (2) 699-708.
Journal code: 0373226. ISSN: 0014-4827.
- L7 ANSWER 104 OF 199 MEDLINE DUPLICATE 47
AU Behl C; Rupprecht R; Skutella T; Holsboer F
TI Haloperidol-induced cell death--mechanism and protection with vitamin E in
vitro.
SO NEUROREPORT, (1995 Dec 29) 7 (1) 360-4.
Journal code: 9100935. ISSN: 0959-4965.
- L7 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Tie, Jianke; Li, Lingyuan; Ru, Binggen; Ci, Yunxiang
TI Free radical scavenging and DNA damage protection by metallothionein
SO Shengwu Wuli Xuebao (1995), 11(2), 276-82
CODEN: SWXUEN; ISSN: 1000-6737
- L7 ANSWER 106 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 48
AU Ono, Tetsuyoshi; Negishi, Kazuo; Hayatsu, Hikoya (1)
TI Spectra of superoxide-induced mutations in the lacI gene of a wild-type
and a mutM strain of Escherichia coli K-12.
SO Mutation Research, (1995) Vol. 326, No. 2, pp. 175-183.
ISSN: 0027-5107.
- L7 ANSWER 107 OF 199 MEDLINE DUPLICATE 49
AU Shi X; Mao Y; Ahmed N; Jiang H
TI HPLC investigation on Ni(II)-mediated DNA damage in the presence of
t-butyl hydroperoxide and glutathione.
SO JOURNAL OF INORGANIC BIOCHEMISTRY, (1995 Feb) 57 (2) 91-102.
Journal code: 7905788. ISSN: 0162-0134.
- L7 ANSWER 108 OF 199 MEDLINE DUPLICATE 50
AU Fester T; Schuster W
TI Potato mitochondrial manganese superoxide dismutase is an RNA-binding
protein.
SO BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, (1995 May) 36 (1) 67-75.
Journal code: 9306673. ISSN: 1039-9712.
- L7 ANSWER 109 OF 199 CAPLUS COPYRIGHT 2003 ACS
IN Cubbage, Michael Lee; Ju, Shyh Chen; Bresser, Joel; Jurtschuk, Rebecca
TI Free radical scavengers useful for reducing autofluorescence in fixed
cells

SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2

L7 ANSWER 110 OF 199 MEDLINE DUPLICATE 51
AU Miyao M
TI Involvement of active oxygen species in degradation of the D1 protein under strong illumination in isolated subcomplexes of photosystem II.
SO BIOCHEMISTRY, (1994 Aug 16) 33 (32) 9722-30.
Journal code: 0370623. ISSN: 0006-2960.

L7 ANSWER 111 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Fischer-Nielsen, Anne; Jeding, Inge Boegh; Loft, Steffen
TI Radiation-induced formation of 8-hydroxy-2'-deoxyguanosine and its prevention by scavengers
SO Carcinogenesis (1994), 15(8), 1609-12
CODEN: CRNGDP; ISSN: 0143-3334

L7 ANSWER 112 OF 199 MEDLINE DUPLICATE 52
AU Suarez-Pinzon W L; Strynadka K; Schulz R; Rabinovitch A
TI Mechanisms of cytokine-induced destruction of rat insulinoma cells: the role of nitric oxide.
SO ENDOCRINOLOGY, (1994 Mar) 134 (3) 1006-10.
Journal code: 0375040. ISSN: 0013-7227.

L7 ANSWER 113 OF 199 MEDLINE DUPLICATE 53
AU Gao F M; Jiang H Y; Yu L; Li X L; Wang W H; Duan Y B; Zhou H N
TI Studies on mechanisms and blockade of carcinogenic action of female sex hormones.
SO SCIENCE IN CHINA. SERIES B, CHEMISTRY, LIFE SCIENCES AND EARTH SCIENCES, (1994 Apr) 37 (4) 418-29.
Journal code: 8913082. ISSN: 1001-652X.

L7 ANSWER 114 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Reiter, Russel J.; Tan, Dun-xian; Poeggeler, Burkhard; Chen, Li-dun; Menendez-Pelaez, Armando
TI Melatonin, free radicals and cancer initiation
SO Advances in Pineal Research (1994), 7, 211-28
CODEN: APIREW; ISSN: 0269-0071

L7 ANSWER 115 OF 199 MEDLINE DUPLICATE 54
AU Runge-Morris M; Wu N; Novak R F
TI Hydrazine-mediated DNA damage: role of hemoprotein, electron transport, and organic free radicals.
SO TOXICOLOGY AND APPLIED PHARMACOLOGY, (1994 Mar) 125 (1) 123-32.
Journal code: 0416575. ISSN: 0041-008X.

L7 ANSWER 116 OF 199 MEDLINE DUPLICATE 55
AU Larsen C J
TI [The BCL2 gene, prototype of a gene family that controls programmed cell death (apoptosis)].
Le gene BCL2, chef de file d'une famille de genes controlant la mort cellulaire programmee (apoptose).
SO ANNALES DE GENETIQUE, (1994) 37 (3) 121-34. Ref: 99
Journal code: 0370562. ISSN: 0003-3995.

L7 ANSWER 117 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 56
AU Erdem, Gunhan; Oner, Cihan; Onal, Ahmet M.; Kisakurek, Duygu; Ogus, Ay
TI Free radical mediated interaction of ascorbic acid and ascorbate/Cu(II) with viral and plasmid DNAs
SO Journal of Biosciences (Bangalore, India) (1994), 19(1), 9-17
CODEN: JOBSDN; ISSN: 0250-5991

L7 ANSWER 118 OF 199 MEDLINE DUPLICATE 57
AU Schaechter J D; Benowitz L I

- TI Activation of protein kinase C by arachidonic acid selectively enhances the phosphorylation of GAP-43 in nerve terminal membranes.
SO JOURNAL OF NEUROSCIENCE, (1993 Oct) 13 (10) 4361-71.
Journal code: 8102140. ISSN: 0270-6474.
- L7 ANSWER 119 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Adamska, Iwona; Kloppstech, Klaus
TI The effect of free radical enhancers and scavengers on accumulation of early light-inducible protein during light stress
SO Zeitschrift fuer Naturforschung, C: Journal of Biosciences (1993), 48(3-4), 391-6
CODEN: ZNCBDA; ISSN: 0341-0382
- L7 ANSWER 120 OF 199 CAPLUS COPYRIGHT 2003 ACS
AU Wang, Ai-Guo; Ye, Fa-Hui; Luo, Guang-Hua
TI Damage of high-molecular-weight DNA in peanut leaves by effect of activated oxygen
SO Zhiwu Shenglixue Tongxun (1993), 29(4), 260-2
CODEN: CHWSAX; ISSN: 0412-0922
- L7 ANSWER 121 OF 199 MEDLINE DUPLICATE 58
AU Toyokuni S; Sagripanti J L
TI Induction of oxidative single- and double-strand breaks in DNA by ferric citrate.
SO FREE RADICAL BIOLOGY AND MEDICINE, (1993 Aug) 15 (2) 117-23.
Journal code: 8709159. ISSN: 0891-5849.
- L7 ANSWER 122 OF 199 MEDLINE DUPLICATE 59
AU Natsuyama S; Noda Y; Yamashita M; Nagahama Y; Mori T
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AB Reactivation of herpes simplex virus (HSV) was assumed to be dependent on
prostaglandin synthesis. Since free radicals are generated in the course
of prostaglandin synthesis and inhibitors of prostaglandin synthesis are
free radical scavengers, the question arose whether free radicals are most
important in viral reactivation. Therefore, the influence of five
different inhibitors of prostaglandin synthesis was compared with the
activity of two combinations of classical radical scavengers. Since the
efficiency of both groups of compds. was similar, the role of free
radicals in viral reactivation was strongly assumed, whereas the role of
prostaglandins has to be revisited. All drugs tested were effective in
the early phase after explantation of the latently infected ganglia and
could be omitted in the later stages of co-cultivation. As free radicals
are suspected of activating nuclear factors, it was of interest to confirm
the enhancement of HSV reactivation by DNA hypomethylating drugs.
5-Azacytidine proved to be more effective than dimethylsulfoxide (DMSO).
The effect of combinations of DMSO with inhibitors of prostaglandin
synthesis was dependent on the mode of action of the inhibitors.